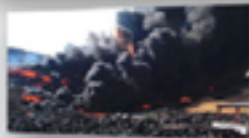


*Air Resources Board*  
**Enforcement Activities**  
*January 1 - December 31, 2001*



# Enforcement Program



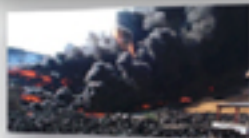
- Achieve maximum emission reductions
- Provide complete/consistent enforcement
- Level the playing field

*Through:*

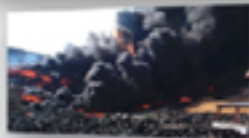
- Day-to-day inspection programs
- Special investigations



# Enforcement Process



- Uncovering violations
- Investigation  
*Enforcement Division*
- Settlement or prosecution  
*Office of Legal Affairs*



# Mobile Source Enforcement



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# Mobile Source Compliance



**New  
Vehicle  
Certification**



**New Vehicle  
Audit/Compliance**

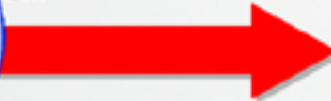


**Dealership  
Inspection**

**In-Use  
Testing  
(Recall)**

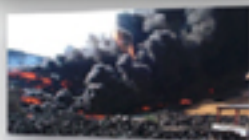


**R.I.P.  
(Scrap)**





# Mobile Source Enforcement Program



- **Illegal vehicles and engines**
  - Non-California certified engines
  - Illegal “49-State” vehicles
  - Grey market vehicles
- **Areas of mobile source enforcement -- 2001**
  - Small off-road engines (SORE)
  - On- and off-road motorcycles
  - Factory audits
  - Illegal emissions-related parts

# 49-State Vehicle Cases

## VEHICLE EMISSION CONTROL INFORMATION

MANUFACTURER: VOLVO CAR CORP. SWEDEN

ENGINE: B230S

ENGINE DISPLACEMENT: 2435 cm<sup>3</sup> 149 cu in.

ENGINE FAMILY: WYXV 2.43 TFF

EVAPORATIVE REFUELING FAMILY

WYXRD 135 PA115 96 130-96 PROCEDURES

EXHAUST EMISSION CONTROL SYSTEM: SFI, HO2S(2), TWC, AIR

EXHAUST EMISSIONS STANDARDS

STANDARD CATEGORY

CERTIFICATION

LEV



24VDGGBF

TUNE-UP SPECIFICATIONS: NO ADJUSTMENTS NEEDED

THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS  
APPLICABLE TO 1996 MODEL YEAR NEW LEV PASSENGER CARS

## CATALYST



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# Grey Market Vehicles



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# Non-California Certified Small Off-Road Engines



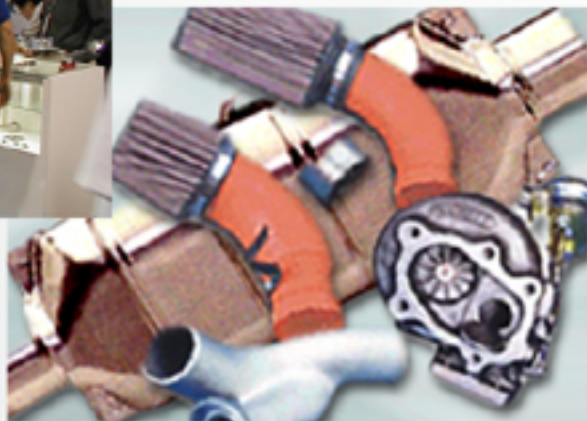
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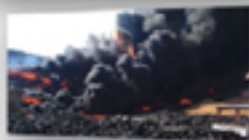
# Motorcycles



## Aftermarket Parts







# Heavy-Duty Diesel Vehicle Inspections



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# Heavy-Duty Vehicle Inspection Program



- **Program statistics – 2001**
  - 15,691 inspections
  - 708 citations issued
  - 308 NOVs issued
  - 6.5% failure rate
  - 12 citations appealed
- **Penalty collections\***
  - \$164,050 current citations
  - \$43,326 current delinquent
  - \$21,107 prior program

*\*Penalties used to fund  
clean diesel technology  
research and programs*



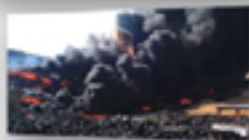
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# Border Inspections



- **3,500 commercial trucks cross into CA at Otay Mesa/Calexico each day -- more under NAFTA**
- **Full-time inspections at Otay Mesa and Calexico (required in legislation )**
  - 2,176 inspections, 232 failures at CA-MX border stations in 2001
  - 89% compliance rate -- up from 50% initially
- **Part-time inspections (about 15 weeks in 2001) at AZ, NV and OR borders -- ~ 3,800 inspections during 2001**



# Fuels and Consumer Products Enforcement

# Motor Vehicle Fuels Enforcement

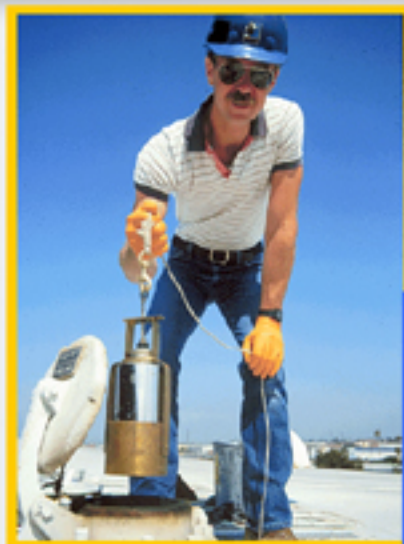
- 14 billion gallons of gasoline/year
- 2.3 billion gallons of diesel/year
- 17 refineries
- 8 import facilities  
*(other than refineries)*
- 84 bulk terminals
- 13,000 service stations
- Test 10% of fuel/year



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# Fuel Sampling and Testing



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# Cargo Tanks Enforcement

- **Certify 6,300 cargo tanks annually**
- **Audit cargo tank testers**
- **Conduct random testing of cargo tanks**
- **5% of cargo tanks tested annually**





# Consumer Products Enforcement



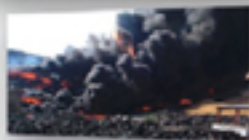
- **82 product categories**
- **Collected close to 1,200 samples during retail location inspections**
- **2001 focus:**
  - Hair styling products
  - VOC limits for new categories
  - Updated date codes
  - Evaluated new requirements



# Portable Fuel Containers and Spouts

- **Effective on 1/1/01**
- **10 gallons or less capacity**
- **Requirements:**
  - Automatic shut-off and closure system
  - One opening for filling and refueling
  - Controls vapor permeation
  - “Spill-Proof System” marking
  - Date of manufacture
- **Products under evaluation**





# Stationary Source Enforcement

*Air District Oversight*

# Asbestos Enforcement Program



- Enforce Asbestos NESHAP in 16 districts
- Receive over 650 D/R notifications per year
- Conduct more than 25 site inspections per year
- NARS/ACTS database; monthly reporting
- Conduct two Asbestos Task Force meetings
- Respond to 500+ phone calls per year



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# Complaint Investigations

- Conduct inspections when requested
- Assist in air pollution enforcement case development
- Research stationary source issues and propose solutions



# Variance Program



- Review ~800 variance orders per year
- Audit district variance programs and hearing board procedures
- 5 or 6 annual Hearing Board Workshops
- Address over 1,000 issues and inquiries each year
- Monthly variance report

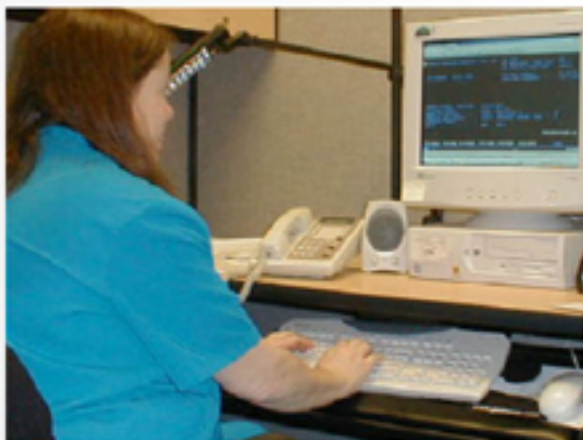




# Aerometric Information Retrieval System (AIRS)

## Compliance and High Priority Violator Program

- Collect, review & input data from 26 districts
- Conduct mini-audits of district AIRS programs
- Generate quarterly (compliance) and monthly (high priority violators) reports to districts and U.S. EPA
- Respond to public information requests



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# Continuous Emissions Monitoring (CEM) Program



- **Health & Safety Code section 42706**
- **Collect and maintain a CEM database**
- **Monitor excess emissions and chronic violators**



# Complaint Hotline

- Respond to more than 800 citizen complaints and inquiries per year
- Maintain a compliance database
- Perform follow-up complaint investigations

**(800) 952-5588**



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# Agricultural & Open Burning Program

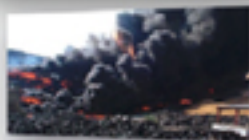


- Research and address burn smoke management issues
- Review district burn rules and smoke management plans
- Conduct aerial surveillance for compliance with field crop burning rules



# Rule Review

- Review and comment on enforceability of air district rules
- Maintain a rule review database
- Review approximately 300 rules each year



# Strategic Environmental Investigations and Enforcement

# Multi-Environmental Media Investigations

- Lead investigative role for Cal/EPA Boards, Departments and Offices
- Investigate and develop cases involving air, water, toxics, pesticides, waste, etc. issues
- Surveillance services





# Focused Environmental Inspections

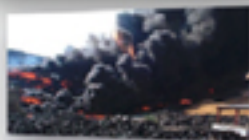


- Events held in mixed residential/industrial areas
- Coordinated with federal, state and local law enforcement agencies
- Inspect vehicles for:
  - Hazardous materials
  - Unsecured loads
  - Smoking vehicles
  - Illegal fuels
  - CHP safety checks
  - Cargo tank inspections





# Enforcement 2001 Summary



- 1,189 active cases
- 645 settled/litigated
- Total of \$2.5 million in penalties

# Future Priorities

- **Continued work on uniform penalties**
  - Power plants
  - Chrome plating facilities
- **Continued efforts in EJ areas**
- **Administrative penalties regulations (SB 527, Sher)**
- **Continued enforcement for smoking heavy-duty diesel fleets**
- **Continued compliance efforts for portable fuel containers and spouts**

